

InCites Journal Citation Reports

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2018 Journal Performance Data for: Neural Network World

ISSN: 1210-0552

ACAD SCIENCES CZECH REPUBLIC, INST COMPUTER SCIENCE

POD VODARENSKOU VEZI 2, 182 07 PRAGUE 8 00000, CZECH REPUBLIC

[CZECH REPUBLIC](#)**TITLES**

ISO: Neural Netw. World

JCR Abbrev: NEURAL NETW

WORLD

LANGUAGES

English

CATEGORIESCOMPUTER SCIENCE,
ARTIFICIAL INTELLIGENCE
- SCIE**PUBLICATION FREQUENCY****6 issues/year**

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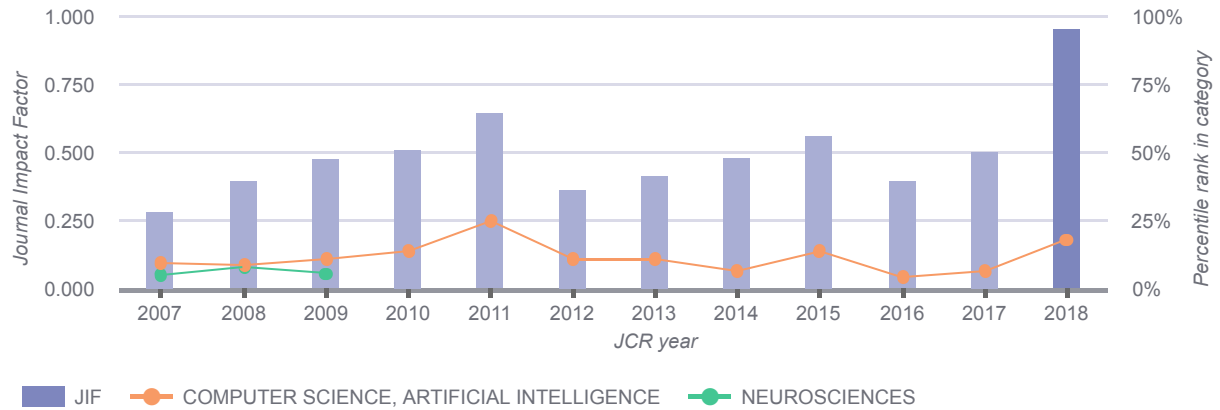


The data in the two graphs below and in the Journal Impact Factor calculation panels represent citation activity in 2018 to items published in the journal in the prior two years. They detail the components of the Journal Impact Factor. Use the "All Years" tab to access key metrics and additional data for the current year and all prior years for this journal.

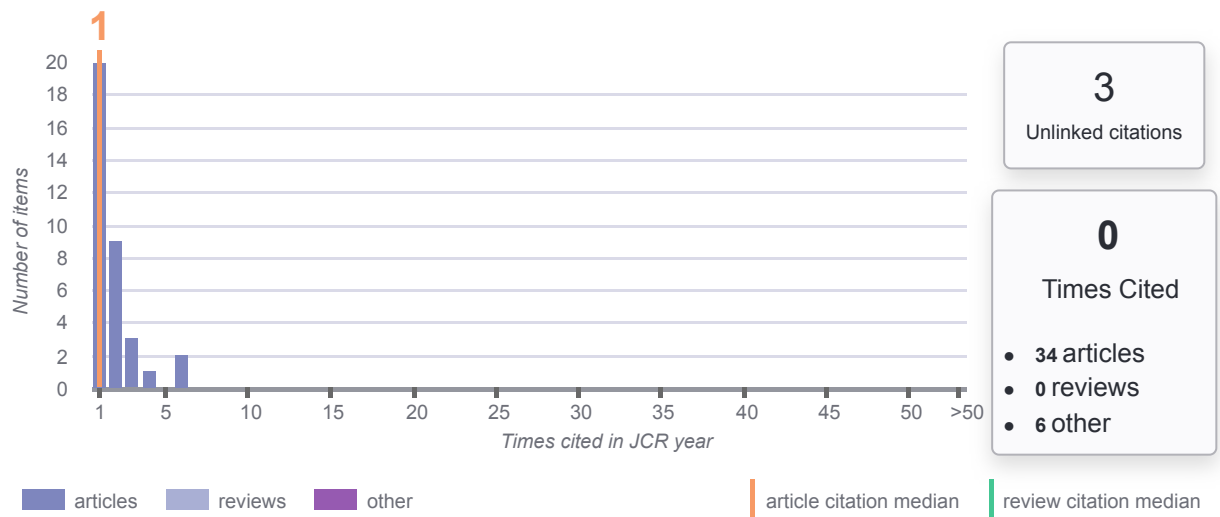
2018 Journal Impact Factor & percentile rank in category for: Neural Network World

0.957

2018 Journal Impact Factor



2018 JIF Citation Distribution for: Neural Network World



Journal Impact Factor Calculation

$$2018 \text{ Journal Impact Factor} = \frac{66}{69} = 0.957$$

How is Journal Impact Factor Calculated?

$$\text{JIF} = \frac{\text{Citations in 2018 to items published in } \mathbf{2016 (38)} + \mathbf{2017 (28)}}{\text{Number of citable items in } \mathbf{2016 (36)} + \mathbf{2017 (33)}} = \frac{66}{69}$$

Journal Impact Factor contributing items

Citable items in 2017 and 2016 (69)

TITLE	CITATIONS COUNTED TOWARDS JIF
ATTRIBUTE SIGNIFICANCE, CONSISTENCY MEASURE AND ATTRIBUTE REDUCTION IN FORMAL CONCEPT ANALYSIS By: Huang, C.; Li, J.; Dias, S. M. Volume: 26 Page: 607-623 Accession number: WOS:000392283000006 Document Type: Article	6
FbMapping: AN AUTOMATED SYSTEM FOR MONITORING FACEBOOK DATA By: Kamal, S.; Dey, N.; Ashour, A. S.; Ripon, S.; Balas, V. E.; et al. Volume: 27 Page: 27-57 Accession number: WOS:000396645200003 Document Type: Article	6
A NOVEL FRAMEWORK TO ALLEVIATE DISSEMINATION OF XSS WORMS IN ONLINE SOCIAL NETWORK (OSN) USING VIEW SEGREGATION By: Chaudhary, P.; Gupta, B. B. Volume: 27 Page: 5-25 Accession number: WOS:000396645200002 Document Type: Article	4
CLASSIFICATION OF SONAR DATA SET USING NEURAL NETWORK TRAINED BY GRAY WOLF OPTIMIZATION By: Mosavi, M. R.; Khishe, M.; Ghamgosar, A. Volume: 26 Page: 393-415 Accession number: WOS:000383306600006 Document Type: Article	3
A COMPARISON OF THE PERFORMANCE OF ANN AND SVM FOR THE PREDICTION OF TRAFFIC ACCIDENT DURATION By: Yu, B.; Wang, Y. T.; Yao, J. B.; Wang, J. Y. Volume: 26 Page: 271-287 Accession number: WOS:000383431100006 Document Type: Article	3
COMMUNITY DETECTION ALGORITHM BASED ON LOCAL EXPANSION K-MEANS By: Li, L.; Fan, K.; Zhang, Z.; Xia, Z. Volume: 26 Page: 589-605 Accession number: WOS:000392283000005 Document Type: Article	3
IMPROVING K-NEAREST NEIGHBOR EFFICIENCY FOR TEXT CATEGORIZATION By: Barigou, F. Volume: 26 Page: 45-65 Accession number: WOS:000372479700005 Document Type: Article	2

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**Citations in 2018 (66)**

TITLE	CITATIONS COUNTED TOWARDS JIF
NEURAL NETWORK WORLD	24
IEEE ACCESS	3
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	3
KNOWLEDGE-BASED SYSTEMS	3
INTERNATIONAL JOURNAL OF CLOUD APPLICATIONS AND COMPUTING	2
INTERNET OF THINGS AND BIG DATA ANALYTICS TOWARD NEXT-GENERATION INTELLIGENCE	2
JOURNAL OF INFORMATION & KNOWLEDGE MANAGEMENT	2
COMPUTER JOURNAL	1
IFAC PAPERSONLINE	1
THERMAL SCIENCE	1

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Key Indicators 2018

IMPACT METRICS		INFLUENCE METRICS		SOURCE METRICS	
Total Cites	326	Eigenfactor Score	0.00024	Citable Items	30
Journal Impact Factor	0.957	Article Influence Score	0.106	% Articles in Citable Items	100.00
5 Year Impact Factor	0.761	Normalized Eigenfactor	0.02918	Average JIF Percentile	17.669
Immediacy Index	0.100			Cited Half-Life	7.5
Impact Factor Without Journal Self Cites	0.608			Citing Half-Life	8.0

Source data

Journal source data 2018

	Articles	Reviews	Combined(C)	Other(O)	Percentage(C/(C+O))
Number in JCR Year 2018 (A)	30	0	30	n/a	100%
Number of References (B)	962	0	962	n/a	100%
Ratio (B/A)	32.1	0.0	32.1	0.0	

Box plot**Category Box Plot 2018****Category Box Plot**

The category box plot depicts the distribution of Impact Factors for all journals in the category. The horizontal line that forms the top of the box is the 75th percentile (Q1). The horizontal line that forms the bottom is the 25th percentile (Q3). The horizontal line that intersects the box is the median Impact Factor for the category.

Horizontal lines above and below the box, called whiskers, represent maximum and minimum values.

The top whisker is the smaller of the following two values:

the maximum Impact Factor (IF)

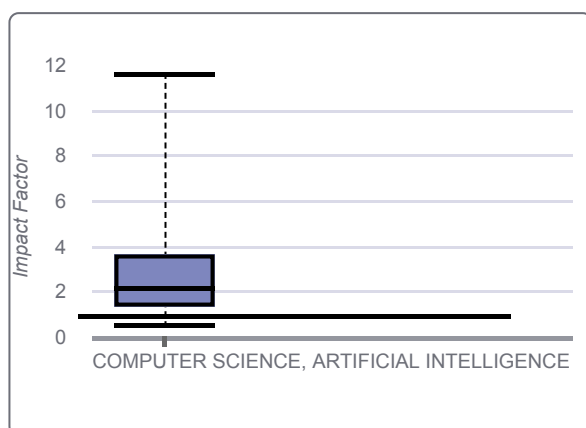
$Q1\ IF + 3.5(Q1\ IF - Q3\ IF)$

The bottom whisker is the larger of the following two values:

the minimum Impact Factor (IF)

$Q1\ IF - 3.5(Q1\ IF - Q3\ IF)$

Box Plots are provided for the current JCR year for each of the categories in which the journal is indexed.

NEURAL NETW WORLD, IF: 0.957

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Rank

Rank

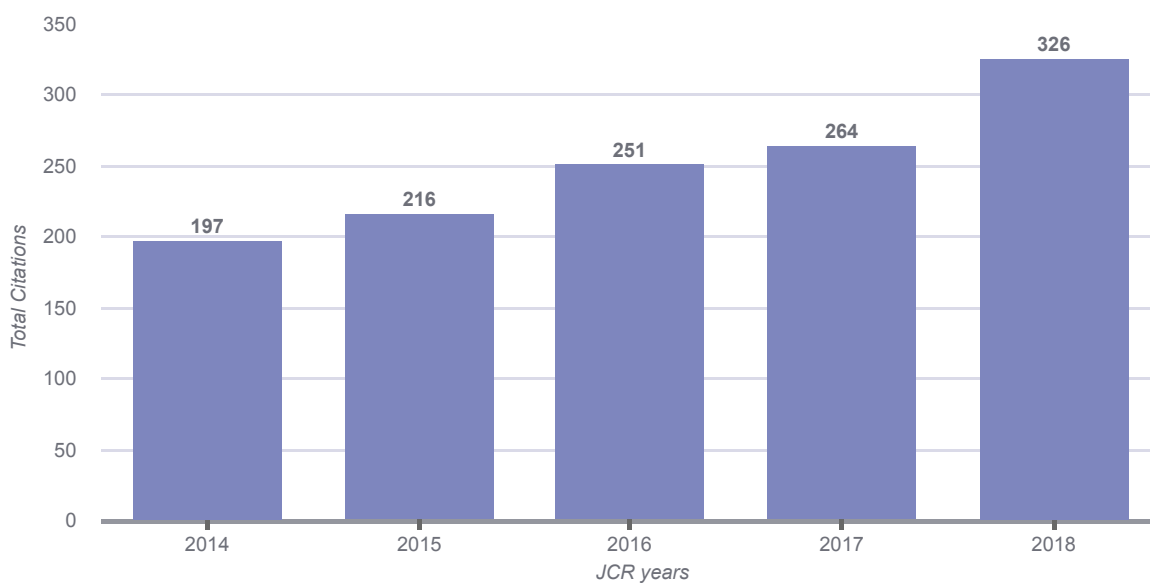
JCR Impact Factor

JCR Year	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE			NEUROSCIENCES		
	Rank	Quartile	JIF Percentile	Rank	Quartile	JIF Percentile
2018	110/133	Q4	17.669	N/A	N/A	N/A
2017	125/132	Q4	5.682	N/A	N/A	N/A
2016	129/133	Q4	3.383	N/A	N/A	N/A
2015	113/130	Q4	13.462	N/A	N/A	N/A
2014	116/123	Q4	6.098	N/A	N/A	N/A
2013	109/121	Q4	10.331	N/A	N/A	N/A
2012	104/115	Q4	10.000	N/A	N/A	N/A
2011	84/111	Q4	24.775	N/A	N/A	N/A
2010	94/108	Q4	13.426	N/A	N/A	N/A
2009	93/103	Q4	10.194	219/231	Q4	5.411
2008	87/94	Q4	7.979	205/221	Q4	7.466
2007	85/93	Q4	9.140	202/211	Q4	4.502

ESI Total Citations

Rank

JCR Year	COMPUTER SCIENCE
2018	366/412-Q4
2017	365/406-Q4
2016	366/406-Q4
2015	344/393-Q4
2014	332/383-Q4
2013	318/378-Q4



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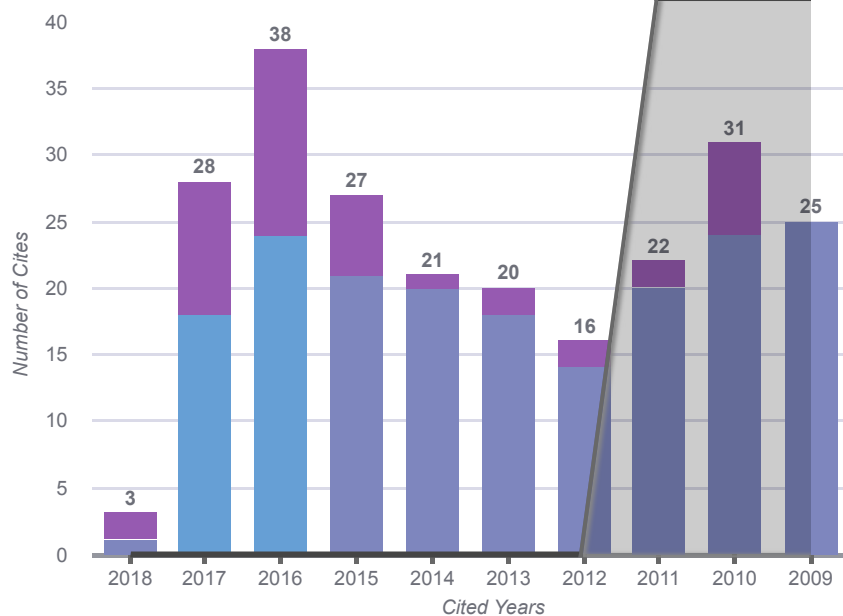


Cited Journal Data

Cited Half-Life Data

Cited Year	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008-All
#Cites from 2018	3	28	38	27	21	20	16	22	31	25	95
Cumulative %	0.92%	9.51%	21.17%	29.45%	35.89%	42.02%	46.93%	53.68%	63.19%	70.86%	100.00%

Cited Journal Graph 2018



CITED JOURNAL GRAPH

The Cited Journal Graph shows the distribution (by cited year) of citations published in journals during the JCR year to items published in the Journal during the last 10 years.

The white/grey division indicates the cited half-life (if < 10.0). Half of the citations are to items that were published more recently than the cited half-life.

The two light-blue columns indicate citations used to calculate the Impact Factor (always the 2nd and 3rd columns).

- Non-self-citations: citations from the journal to articles in other journals.
- Journal self - citations: citations from articles in the journal to articles in the same journal.

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Cited Journal Data 2018

	Impact	Citing Journal	All Yrs	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	Rest
		ALL Journals	326	3	28	38	27	21	20	16	22	31	25	95
		ALL OTHERS (162)	162	1	5	12	11	16	11	12	10	9	17	58
1	0.957	NEURAL NETW WORLD	49	2	10	14	6	1	2	2	2	7	0	3
2	4.098	IEEE ACCESS	7	0	2	1	1	0	1	0	0	0	1	1
3	4.072	NEUROCOMPUTING	7	0	1	0	1	1	0	0	0	1	0	3
4		J GLOB INF MANAG	6	0	0	0	0	0	0	0	0	0	0	6
5	1.637	J INTELL FUZZY SYST	5	0	0	3	0	0	0	0	0	1	0	1
6	4.664	NEURAL COMPUT APPL	5	0	0	1	0	2	1	0	0	0	1	0
7		ADV INTELL SYST	4	0	0	0	1	0	0	0	0	2	0	1
8	2.591	COMPLEXITY	4	0	0	1	1	0	0	0	0	1	0	1
9		ENCY INF SCI TECHN XB	4	0	0	0	1	0	0	0	1	2	0	0
10	3.294	IEEE INTEL TRANSP SY	4	0	0	0	1	0	0	0	1	0	1	1
11	11.683	IEEE T NEUR NET LEAR	4	0	0	0	0	0	0	0	2	0	0	2
12	4.384	PROCESS SAF ENVIRON	4	0	0	0	0	0	1	0	2	1	0	0
13		2018 SMART CIT SXB	3	0	0	0	0	1	0	0	1	1	0	0
14	2.419	ENTROPY-SWITZ	3	0	0	0	0	0	2	0	0	0	0	1
15	4.552	ENVIRON MODELL SOFTW	3	0	0	0	0	0	0	0	1	0	0	2
16	4.292	EXPERT SYST APPL	3	0	0	0	0	0	0	0	1	1	0	1
17	5.768	FUTURE GENER COMP SY	3	0	1	0	0	0	0	0	0	1	1	0
18	2.907	FUZZY SET SYST	3	0	0	0	0	0	0	0	0	0	0	3
19	5.101	KNOWL-BASED SYST	3	0	0	3	0	0	0	0	0	0	0	0
20		LECT NOTES COMPUT SC	3	0	0	0	0	0	0	0	0	0	1	2
21	2.101	MULTIMED TOOLS APPL	3	0	1	0	0	0	0	0	0	2	0	0
22	4.873	APPL SOFT COMPUT	2	0	0	0	0	0	0	1	0	0	0	1
23	0.980	COMPUT J	2	0	1	0	0	0	0	0	0	0	1	0
24	1.343	ELECTRON LETT	2	0	1	0	0	0	0	0	0	0	0	1
25	2.635	FRONT NEUROL	2	0	0	0	0	0	0	1	1	0	0	0
26		IFAC PAPERSONLINE	2	0	0	1	0	0	0	0	0	0	1	0
27	3.395	INT J BIO-INSPIR COM	2	0	0	0	0	0	0	0	0	0	1	1
28		INT J CLOUD APPL COM	2	0	1	1	0	0	0	0	0	0	0	0

Showing 1 - 30 rows of 40 total

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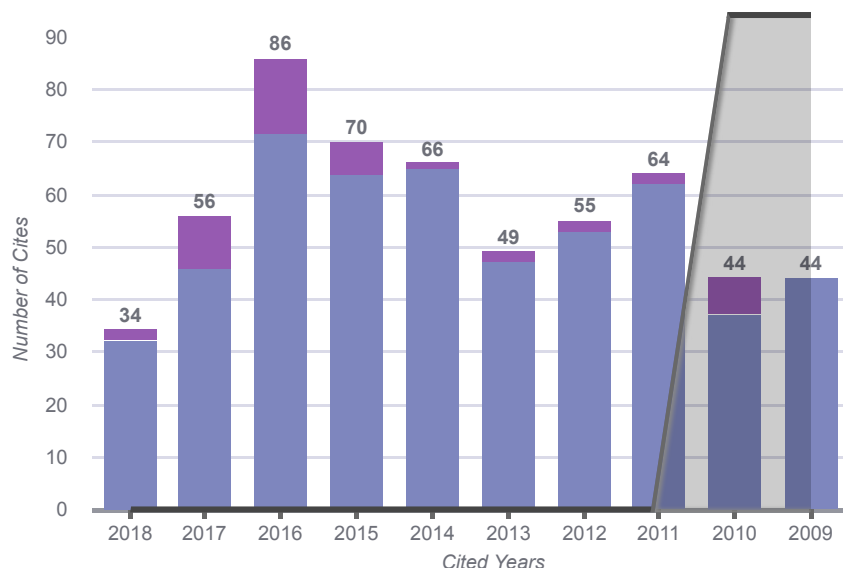


Citing Journal Data

Citing Half-Life Data

Citing Year	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008-All
#Cites from 2018	34	56	86	70	66	49	55	64	44	44	394
Cumulative %	3.53%	9.36%	18.30%	25.57%	32.43%	37.53%	43.24%	49.90%	54.47%	59.04%	100.00%

Citing Journal Graph 2018



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		ALL OTHERS (485)	485	20	26	41	31	42	24	28	32	19	21	201
1	0.957	NEURAL NETW WORLD	49	2	10	14	6	1	2	2	2	7	0	3
2	4.072	NEUROCOMPUTING	20	1	3	2	0	0	1	1	0	1	1	10
3	11.683	IEEE T NEUR NET LEAR	19	1	0	1	0	1	0	1	0	1	1	13
4	4.664	NEURAL COMPUT APPL	19	1	2	1	5	3	2	1	1	1	0	2
5	5.785	NEURAL NETWORKS	17	0	3	0	0	2	2	1	1	0	1	7
6	4.292	EXPERT SYST APPL	14	0	0	0	3	0	2	1	2	2	2	2
7		LECT NOTES COMPUT SC	12	0	0	0	0	0	0	0	3	2	1	6
8	4.091	J MACH LEARN RES	11	0	0	0	0	1	0	0	0	1	1	8
9	4.491	IEEE T BIO-MED ENG	10	0	0	0	0	0	0	2	1	0	1	6
10	4.873	APPL SOFT COMPUT	8	0	1	1	1	1	2	1	0	0	0	1
11	5.775	TRANSPORT RES C- EMER	8	0	0	1	1	0	0	0	3	0	0	3
12		ADV NEURAL INFORM PR	7	0	0	0	0	0	1	3	0	0	0	3
13	7.181	ENERG CONVERS MANAGE	6	2	2	1	1	0	0	0	0	0	0	0
14	6.807	IEEE T POWER SYST	6	0	0	0	0	0	0	0	0	0	0	6
15	43.070	NATURE	6	0	0	2	3	0	0	0	0	0	0	1
16	6.400	INT J NEURAL SYST	5	0	0	0	1	1	0	0	1	0	0	2
17	5.101	KNOWL-BASED SYST	5	1	0	1	1	0	1	1	0	0	0	0
18	2.809	MACH LEARN	5	0	0	0	0	0	0	0	0	0	0	5
19		PROCEDIA COMPUT SCI	5	0	0	1	2	0	0	1	1	0	0	0
20	41.037	SCIENCE	5	0	0	0	1	0	0	1	0	0	0	3
21		THESIS	5	0	0	0	1	0	0	0	0	0	0	4
22		ADV INTELL SYST	4	0	0	2	1	0	1	0	0	0	0	0
23	5.410	COMMUN ACM	4	0	0	0	0	0	0	1	2	0	0	1
24	3.171	COMPUT ELECTRON AGR	4	0	0	1	1	0	0	2	0	0	0	0
25	3.002	COMPUT OPER RES	4	0	0	0	0	0	0	0	1	0	1	2
26		IEEE C EVOL COMPUTAT	4	0	0	0	0	0	0	0	0	0	0	4
27	7.816	IEEE T MED IMAGING	4	0	0	0	0	0	0	0	0	1	1	2
28	6.394	IEEE T WIREL COMMUN	4	0	0	0	0	0	1	0	0	0	2	1

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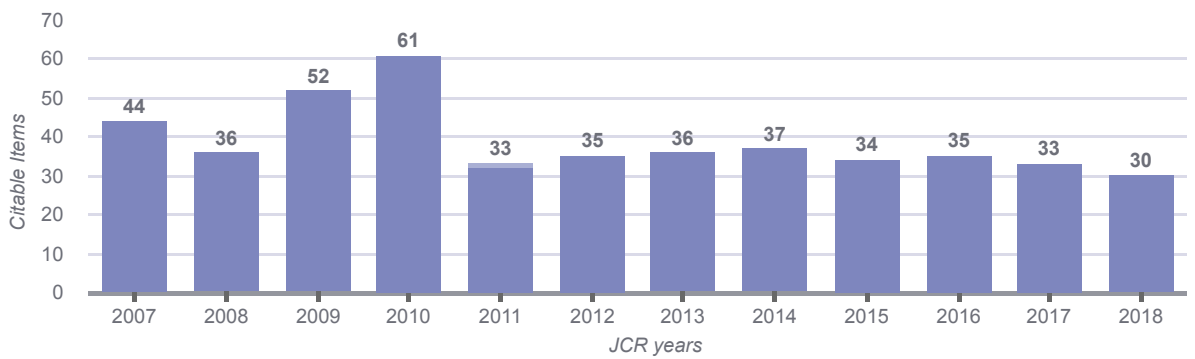
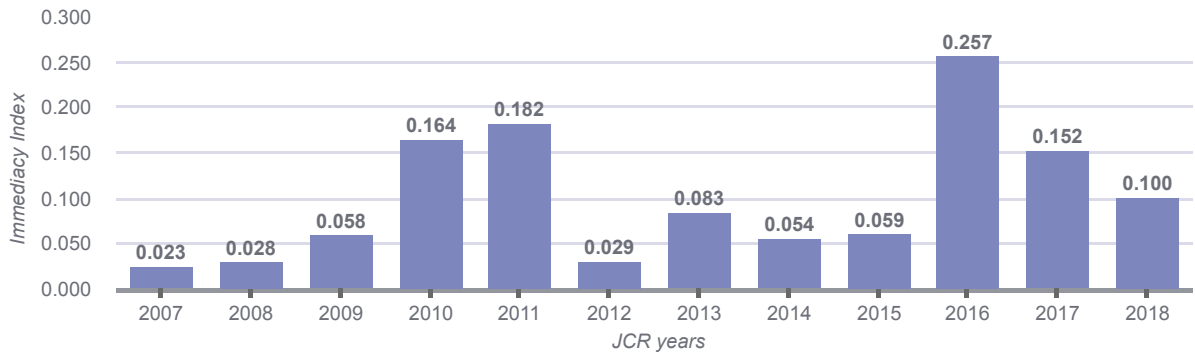
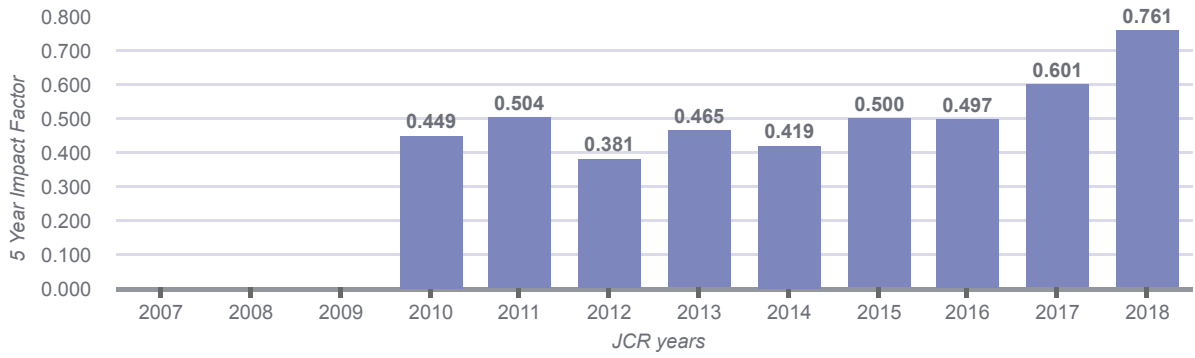
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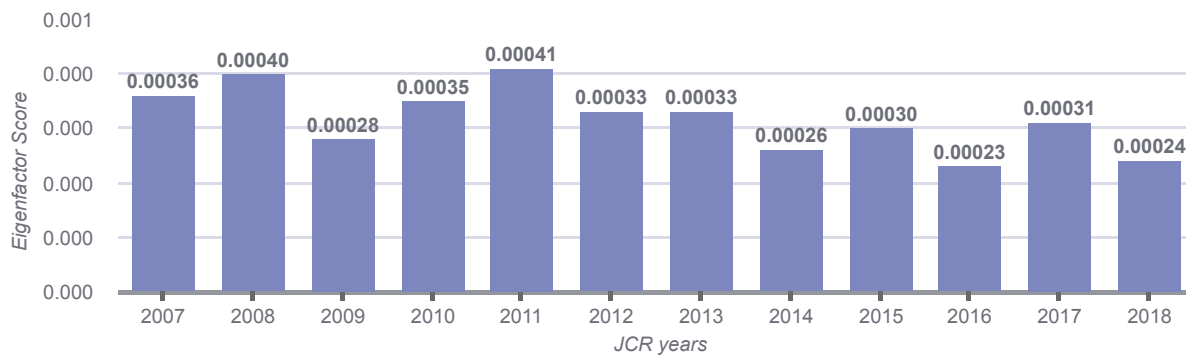
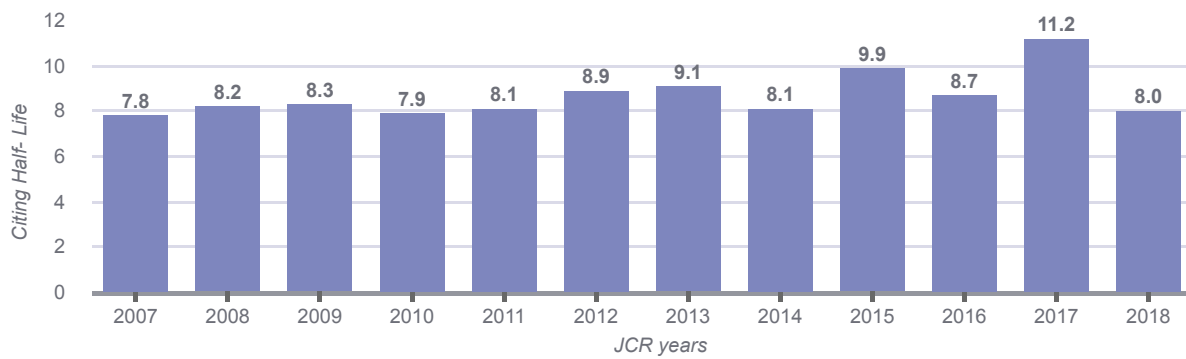
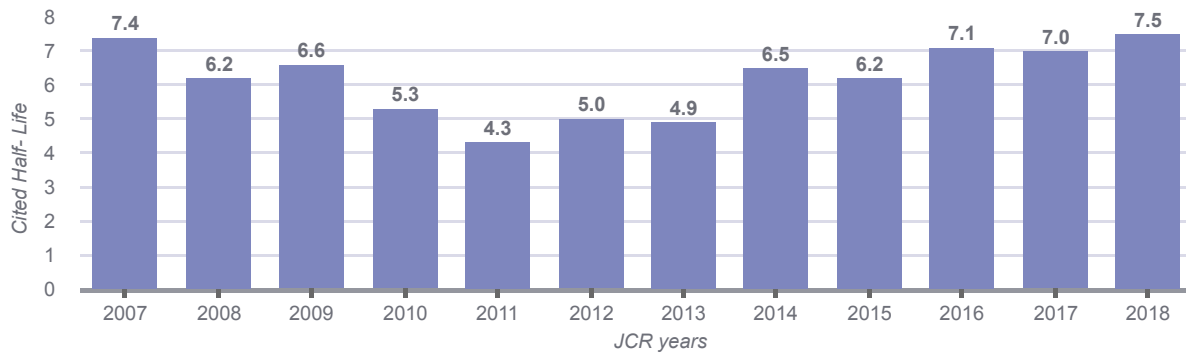
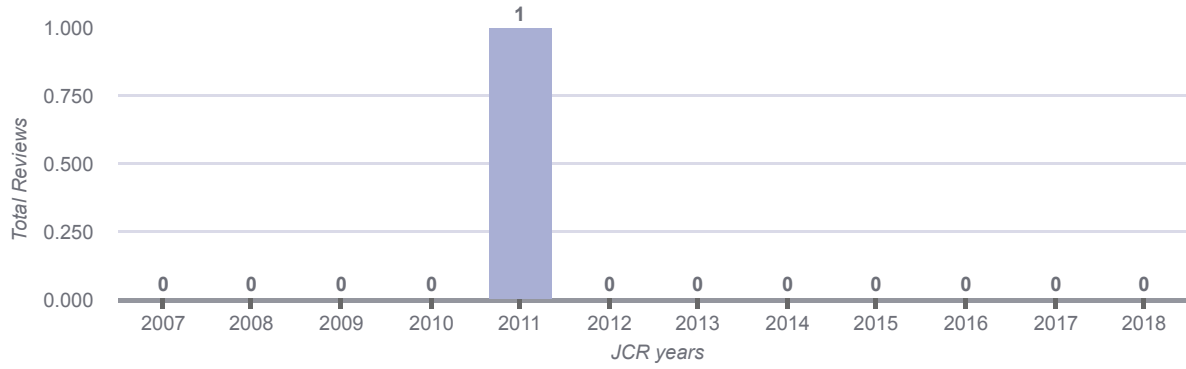
Metric trend



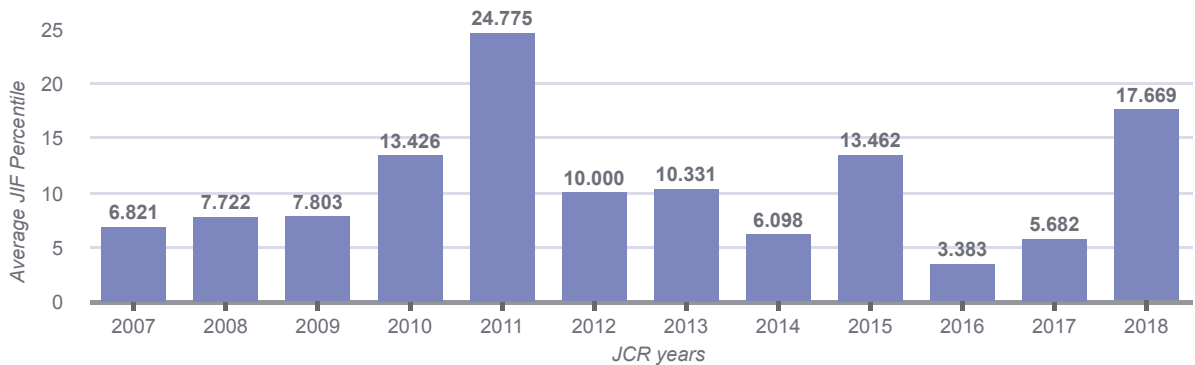
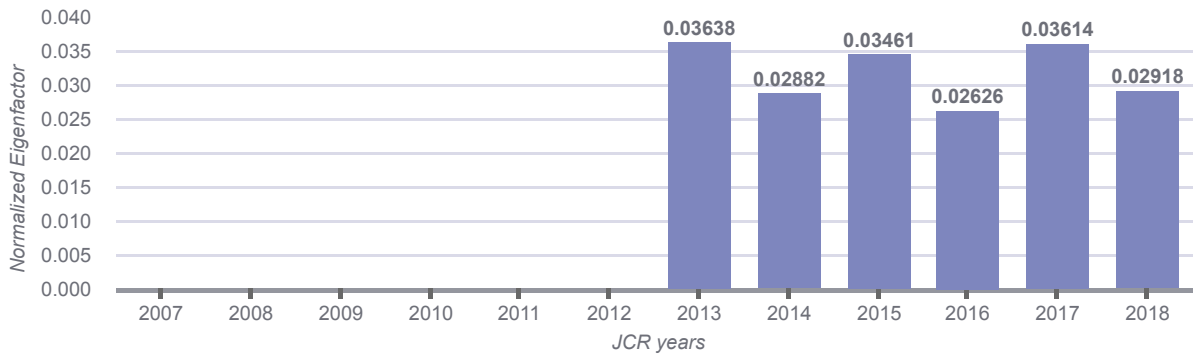
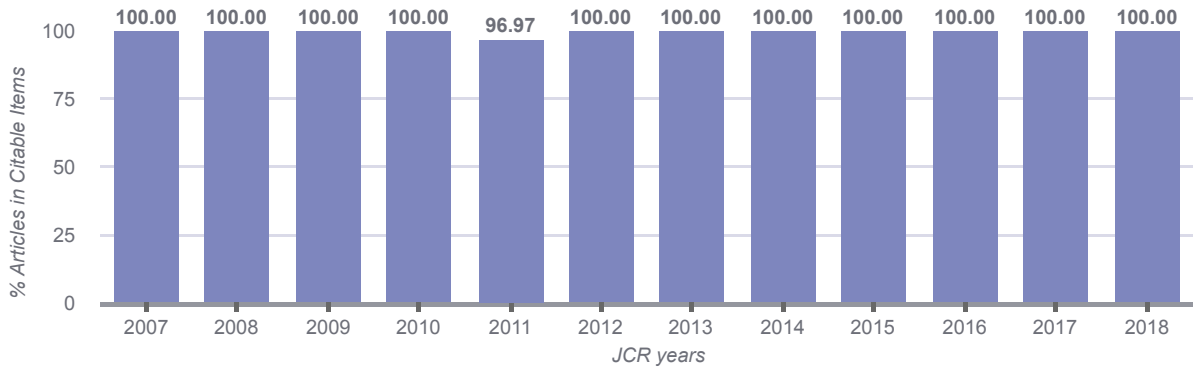
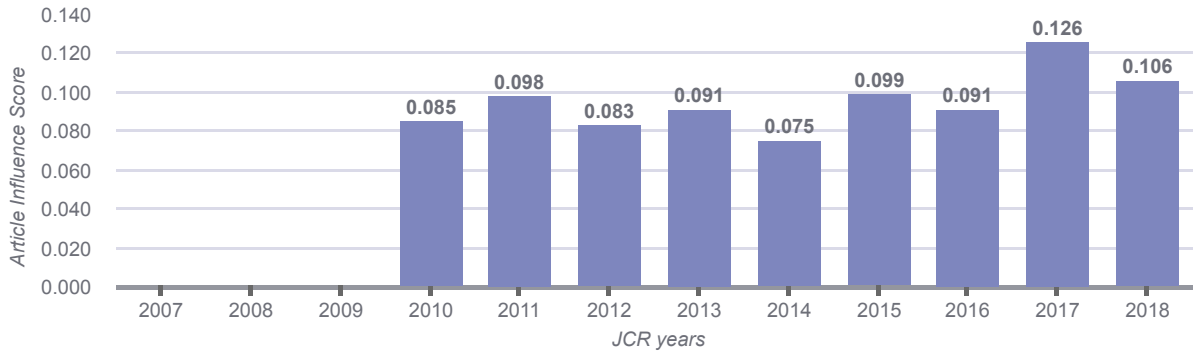
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These data summarize the characteristics of the journal's published content for the most recent three years, that is, 2018 and the two prior years, combined. This information is based on all listed authors and addresses. It is meant to be descriptive rather than comparative.

Contributions by country/region

country	count
1. Czech Republic	32
2. CHINA MAINLAND	31
3. India	13
4. Turkey	10
5. USA	6
6. Iran	5
7. Algeria	2
- Spain	2
- Slovakia	2
- Netherlands	2
- Italy	2
- Bangladesh	2

Contributions by organizations

organization	count
1. CZECH TECHNICAL UNIVERSITY PRAGUE	16
2. TECHNICAL UNIVERSITY OF OSTRAVA	5
- HENAN UNIVERSITY OF SCIENCE & TECHNOLOGY	5
- CZECH ACADEMY OF SCIENCES	5
- DALIAN MARITIME UNIVERSITY	5
6. UNIVERSITY OF WEST BOHEMIA PILSEN	4
- DALIAN UNIVERSITY OF TECHNOLOGY	4
8. ISLAMIC AZAD UNIVERSITY	3
- VELLORE INSTITUTE OF TECHNOLOGY	3
- UNIVERSITY OF OSTRAVA	3